

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1-15. (canceled)

16. (Currently Amended) A flying object for observing the ground, comprising:

an elongate body;

a lift and displacement motor, ~~of the type~~ with combustible propelling charge, producing lateral maneuvering forces whose lines of action pass through the center of gravity of said flying object;

an attitude motor, ~~of the type~~ with combustible propelling charge, producing lateral maneuvering forces, said lift and displacement motor and said attitude motor being disposed on either side of said center of gravity of the flying object and, during the combustion of the respective propelling charges of these latter two motors being adjusted so that, when the latter two motors are operating, the position of said center of gravity remaining remains at least approximately fixed, and

a picture taking unit mounted on board said flying object, wherein:

said lift and displacement motor is able to ensure the lift and the displacements of said flying object in an observation position for which said object is at least approximately vertical with the rear end of said flying object directed downwards;

said attitude motor is able structured to maintain said flying object in said at least approximately vertical observation position; and

said picture taking unit is disposed at a rear part of said elongate body and flying object and able to observe said ground when said flying object is in said at least approximately vertical observation position.

17. (Previously presented) The flying object as claimed in claim 16, wherein said lift and displacement motor exhibits a larger mass than said attitude motor and is closer to the center of gravity of the flying object than said attitude motor.

18. (Previously Presented) The flying object as claimed in claim 16, wherein said attitude motor is disposed at the rear of said elongate body, while said lift and displacement motor is disposed just in front of the center of gravity of said flying object.

19. (Previously Presented) The flying object as claimed in claim 16, wherein said flying object is controlled in roll by the lift and displacement motor.

20. (Previously Presented) The flying object as claimed in claim 16, wherein said flying object is launched by a launch and control post comprising a propulsion or ejection system which is specific thereto and which is not carried by said flying object.

21. (Previously Presented) The flying object as claimed in claim 20, wherein said flying

object comprises a linking unit to link with said launch and control post.

22. (Previously Presented) The flying object as claimed in claim 21, wherein said linking unit comprises at least one optical fiber.

23. (Previously Presented) The flying object as claimed in claim 16, wherein said flying object comprises an additional picture taking unit disposed at the front of said elongate body.

24. (Currently Amended) The flying object as claimed in claim 16, wherein said flying object carries a warhead charge and further comprises a propulsion unit and a guidance unit allowing said flying object to attack, via the rear part of said elongate body, a target detected for by said picture taking unit disposed at the rear of said elongate body; and

said propulsion unit and said guidance unit of said object in the direction of said target  
are independent of said lift and displacement motor and of said attitude motor.

25. (Canceled)

26. (Currently Amended) The flying object as claimed in claim [[25]]24, wherein said propulsion unit and said guidance unit of said object in the direction of said target consist of form an additional motor disposed at the front of said elongate body.

27. (Previously Presented) The flying object as claimed in claim 26, wherein said

additional motor is disposed behind a droppable hood.

28. (Currently Amended) The flying object as claimed in claim [[24]]16, wherein  
said flying object carries a warhead charge and further comprises a propulsion unit and a  
guidance unit allowing said flying object to attack, via the rear part of said elongate body, a  
target detected by said picture taking unit disposed at the rear of said elongate body;  
said lift and displacement motor is associated with first exhaust nozzles directed towards  
the rear of said elongate body and distributed laterally about the latter;  
said attitude motor is associated with second exhaust nozzles directed towards the rear of  
said elongate body and distributed laterally about the latter; and  
said propulsion unit and said guidance unit of said object in the direction of said target  
are respectively formed by said lift and displacement motor and by said attitude motor,  
associated respectively with third and fourth nozzles, directed towards the front of said elongate  
body and distributed laterally around the elongate body attitude motor.

29. (Previously Presented) The flying object as claimed in claim 28, wherein said first  
and second nozzles are orientable and form said third and fourth nozzles when they are oriented  
towards the front of said elongate body.

30. (Previously Presented) The flying object as claimed in claim 28, wherein said third  
and fourth nozzles are fixed and are respectively supplied with combustion gas by said lift and  
displacement motor and by said attitude motor.